Subject Wise Syllabus (Session: 2022-23) Class - X

		Periodic Test
English	First Flight	**Prose:** 1. A Letter to God 2. Nelson Mandela: Long Walk to Freedom **Poetry:** 1. (a) Dust of Snow (b) Fire and Ice 2. A Tiger in the Zoo
	Footprints without Feet	1. A Triumph of Surgery 2. The Thief's Story
	Workbook	Unit 1, 2
	Grammar	1. Tenses 2. Modals 3. Use of Passive Voice
	Writing	1 Formal letter on given situation: Letter to Editor, Complaint, Enquiry, Placing Order 2. Analytical paragraph writing on given map / charts
	Reading	1. Factual passage, 2. Discursive passage
Maths		**UNIT II: ALGEBRA: POLYNOMIALS:** (Ch.-2) Zeroes of a polynomial. Relationship between zeros and coefficients of quadratic polynomials. Statement and simple problems on division algorithm for polynomials with real coefficients. **PAIR OF LINEAR EQUATIONS IN TWO VARIABLES**: (Ch.-3.) Pair of linear equations in two variables and graphical method of their solution, consistency/inconsistency. Algebraic conditions for number of solutions. Solution of a pair of linear equations in two variables algebraically - by substitution, by elimination and by cross multiplication method. Simple situational problems. Simple problems on equations reducible to linear equations. **REAL NUMBERS:** (Ch.-1.) Euclid's division lemma, Fundamental Theorem of Arithmetic - statements after reviewing work done earlier and after illustrating and motivating through examples, Proofs of irrationality of $\sqrt{2}$, $\sqrt{3}$, $\sqrt{5}$ Decimal representation of rational numbers in terms of terminating/non-terminating recurring decimals. **UNIT-V: (STATISTICS and PROBABILITY): CHAPTER-14: STATISTICS:** Mean, median and mode of grouped data (bimodal situation to be avoided). Cumulative frequency graph. **Tables: 2 to 40**
Science	Physics	**Ch-10: Reflection and Refraction (Natural Phenomenon)** Reflection of light by curved surfaces; Images formed by spherical mirrors, centre of curvature, principal axis, principal focus, focal length, mirror formula (Derivation not required), magnification. Refraction; Laws of refraction, refractive index. Refraction of light by spherical lens; Image formed by spherical lenses; Lens formula (Derivation not required); Magnification. Power of a lens, Numericals + PBQ **Practical: 1.** Tracing the path of a ray of light passing through a rectangular glass slab for different angles of incidence. Measure the angle of incidence, angle of refraction, angle of emergence and interpret the result.
	Chemistry	**Chemical Reactions:** Chemical equation, Balanced chemical equation, implication of a balanced chemical equation, types of chemical reactions: Combination, decomposition, displacement, double displacement, precipitation, neutralization, oxidation and reduction. **Acids, bases and salts:** Their definitions in terms of furnishing of H^+ and OH^- ions. Properties of acids and bases Indicators **Practical:** To perform and observe the following reactions and classify them into: (i) Combination reaction (ii) Decomposition reaction (iii) Displacement reaction (iv) Double displacement reaction 1) Action of water on quick lime 2) Action of heat on ferrous sulphate crystals 3) Iron nails kept in copper sulphate solution 4) Reaction between sodium sulphate and barium chloride solutions.

	Biology	**Unit: World of Living: Life Processes:** Basic concept of nutrition, respiration and Basic concept of transportation in plants and animals. **Practical: 1.** To prepare a temporary mount of a leaf peel to show stomata. **Practical 2.** To show experimentally that carbon dioxide is given out during respiration.
S.St. **Teaching Aids :** A/V Room	**Economics**	**2. Sectors of the Indian Economy:** ☐ Sectors of Economic Activities ☐ Comparing the three sectors ☐ Primary, Secondary and Tertiary Sectors in India ☐ Division of sectors as organized and unorganized ☐ Sectors in terms of ownership: Public and Private Sectors
	History	**2. Nationalism in India:** ☐ The First World War, Khilafat and Non- Cooperation ☐ Differing Strands within the Movement ☐ Towards Civil Disobedience ☐ The Sense of Collective Belonging
	Geography	**1. Resources and Development:** ☐ Types of Resources ☐ Development of Resources ☐ Resource Planning in India ☐ Land Resources ☐ Land Utilization ☐ Land Use Pattern in India ☐ Land Degradation and Conservation Measures ☐ Soil as a Resource ☐ Classification of Soils ☐ Soil Erosion and Soil Conservation
	Pol Science	**1. Power Sharing:** ☐ Case Studies of Belgium and Sri Lanka ☐ Why power sharing is desirable? ☐ Forms of Power Sharing **2. Federalism:** ☐ What is Federalism? ☐ What make India a Federal Country? ☐ How is Federalism practiced? ☐ Decentralization in India
Hindi	क्षितिज	काव्य–खण्ड:– 1. सूरदास–ऊधौ तुम हौ अति बड़भागी 2. तुलसीदास–राम–लक्ष्मण–परशुराम संवाद गद्य–खण्ड:– 10. स्वयं प्रकाश–नेताजी का चश्मा
	कृतिका	1. शिवपूजन सहाय– माता का आँचल
	व्याकरण	1. रचना के आधार पर वाक्य भेद
	रचना	पत्र – लेखन (औपचारिक एवं अनौपचारिक)
I.T.		**Unit I: Communication Skills – II** Ch. 1.1 Various Methods of Communication (Session 1 to 3) Ch. 1.2 Provide Descriptive and specific feedback (Session 1 to 4) **Unit – 3** Basic ICT Skills Ch. 3.1 Distinguish Between Different operating System 3.2 Working with Files and Folders 3.3 Apply Basic Skill for care and maintenance of computer. **Unit – 9** Web Application and Security (Session 1 to 11)
Art & Craft		1. What is Colour 2. Colour Chart 3. Water Colour (pg 34 to 37)

Max. Marks : 20	**Min. Marks : 07**	**Time : 1.30 Hours**

Note for Exam. : *Students will bring their next day's examination books and notebooks*

Subject Wise Syllabus (Session: 2022-23) Class - X

		Pre Mid - Term Periodic Test
English	First Flight	**Prose:** 3. Two Stories About Flying : Part-I His First Flight, Part-II Black Aeroplane 4. From the Diary of Anne Frank **Poetry:** 3. (a) How to Tell Wild Animals (b) The Ball Poem 4. Amanda!
	Footprints without Feet	3. The Midnight Visitor 4. A Question of Trust
	Workbook	Unit 3, 4
	Grammar	4. Subject Verb Concord 5. Reported speech 6. Clauses + Periodical Test
	Writing	1 Formal letter on given situation: Letter to Editor, Complaint, Enquiry, Placing Order 2. Analytical paragraph writing on given report / line graph
	Reading	1. Factual passage 2. Discursive passage
Maths		**UNIT III : GEOMETRY: TRIANGLES (Ch-6)** Definitions, examples, counter examples of similar triangles. 1. (Prove) If a line is drawn parallel to one side of a triangle to intersect the other two sides in distinct points, the other two sides are divided in the same ratio. 2. (Motivate) If a line divides two sides of a triangle in the same ratio, the line is parallel to the third side. 3. (Motivate) If in two triangles, the corresponding angles are equal, their corresponding sides are proportional and the triangles are similar. 4. (Motivate) If the corresponding sides of two triangles are proportional, their corresponding angles are equal and the two triangles are similar. 5. (Motivate) If one angle of a triangle is equal to one angle of another triangle and the sides including these angles are proportional, the two triangles are similar. 6. (Motivate) If a perpendicular is drawn from the vertex of the right angle of a right triangle to the hypotenuse, the triangles on each side of the perpendicular are similar to the whole triangle and to each other. 7. (Prove) The ratio of the areas of two similar triangles is equal to the ratio of the squares of their corresponding sides. 8. (Prove) In a right triangle, the square of the hypotenuse is equal to the sum of the squares of the other two sides. 9. (Prove) In a triangle, if the square of one side is equal to sum of the squares of the other two sides, the angle opposite to the first side is a right angle. *UNIT IV: TRIGONOMETRY:* **1. INTRODUCTION TO TRIGONOMETRY: (Ch-8)** Trigonometric ratios of an acute angle of a right-angled triangle. Proof of their existence (well defined); motivate the ratios, whichever are defined at $0°$ & $90°$. Values of the trigonometric ratios of $30°$, $45°$ & $60°$. Relationships between the ratios. **2. TRIGONOMETRIC IDENTITIES:** Proof and applications of the identity $\sin^2 A + \cos^2 A = 1$. Only simple identities to be given. Trigonometric ratios of complementary angles. *UNIT IV: TRIGONOMETRY: (Contd.):* **3. HEIGHTS AND DISTANCES: (Ch-9)** Simple problems on heights and distances. Problems should not involve more than two right triangles. Angles of elevation / depression should be only $30°$, $45°$, $60°$. **Tables: 2 to 40**
Science	Physics	**Ch-11: Human Eye:-** Functioning of a lens in human eye, defects of vision and their corrections, applications of spherical mirrors and lenses. Refraction of light through a prism, dispersion of light, scattering of light, atmospheric refraction, applications in daily life. + PBQ **Ch –12: Electricity:-** Electric current, Potential difference and electric current. Ohm's law; Resistance, resistivity, Factors on which the resistance of a conductor depends. Series combination of resistors, parallel combination of resistors and its applications in daily life. Heating effect of electric current and its applications in daily life. Electric power, Interrelation between P, V, I and R. + Numericals + PBQ **Practical: 2.** Determination of Focal length of : (i) concave mirror (ii) convex mirror. **Practical: 3.** Studying the dependence of potential difference (V) across a resistor on the current (I) passing through it and determine its resistance. Also plotting a graph between V and I.
Science	Chemistry	**Acids, bases and salts:** pH scale, importance of pH in everyday life; salts preparation and uses of Sodium Hydroxide, Bleaching powder, Baking soda, Washing soda and Plaster of Paris. **Metals and nonmetals:** Properties of metals and non-metals; Reactivity series; Formation and properties of ionic compounds; Basic metallurgical processes. **Practical: (i)** To observe the action of Zn, Fe, Cu and Al metals on the following salt solution (i) (a) $ZnSO_4$ (aq) (b) $FeSO_4$ (aq) (c) $CuSO_4$ (aq) (d) $Al_2(SO_4)_3$ (aq). (ii) Arrange Zn, Fe, Cu and Al metals in the decreasing order of reactivity based on the above results. **(ii)** To find the P^H of the following sample by using P^H paper/Universal indicator. (a) Dilute Hydrochloric acid (b) Dilute NaOH solution (c) Dilute ethanoic acid (d) Lemon Juice (e) water (f) Dilute sodium bicarbonate *solution.* **(iii)** To study the properties of acids and bases HCl & NaOH by – their reaction with: (a) litmus solution (b) Zinc metal (c) solid sodium carbonate.
	Biology	**Unit: World of Living: Life Processes:** Excretion in plants and animals. **Unit: World of Living: Control and co-ordination** in animals and plants, Tropic movements in plants; Introduction of plant hormones; Control and Co-ordination in animals; Nervous system; Voluntary, involuntary and reflex action; Chemical co-ordination: animal hormones. **Unit: World of living: Heredity and evolution:** Heredity; Mendel's contribution- Laws for inheritance of traits:
S.St **Teaching Aids :** A/V Room	Economics	**3. Money and Credit:** ☐ Money as a medium of exchange ☐ Modern forms of money ☐ Loan activities of Banks ☐ Two different credit situations ☐ Terms of credit ☐ Formal sector credit in India ☐ Self Help Groups for the Poor
	History	*Section 2: Livelihoods, Economies and Societies:* Any **one theme** of the following: **3. The Making of a Global World:** ☐ The Pre-modern world ☐ The Nineteenth Century (1815-1914) ☐ The Inter war Economy ☐ Rebuilding a World Economy: The Post-War Era **4. The Age of Industrialization:** ☐ Before the Industrial Revolution ☐ Hand Labour and Steam Power ☐ Industrialization in the colonies ☐ Factories Come Up ☐ The Peculiarities of Industrial Growth ☐ Market for Goods
	Geography	**3. Water Resources:** ☐ Water Scarcity and The Need for Water Conservation and Management ☐ Multi-Purpose River Projects and Integrated Water Resources Management ☐ Rainwater Harvesting *Note: The theoretical aspect of chapter 'Water Resources' to be assessed in the Periodic Tests only and will not be evaluated in Board Examination. However the map items of this chapter as given in the Map List will be evaluated in Board Examination.* **4. Agriculture:** ☐ Types of farming ☐ Cropping Pattern ☐ Major Crops ☐ Technological and Institutional Reforms ☐ Impact of Globalization on Agriculture

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S.St	Pol Science	**3. Democracy and Diversity:** ☐ Case Studies of Mexico ☐ Differences, similarities and divisions ☐ Politics of social divisions *Note: The chapter 'Democracy and Diversity' to be assessed in the Periodic Tests only and will not be evaluated in Board Examination.* **4. Gender, Religion and Caste:** ☐ Gender and Politics ☐ Religion, Communalism and Politics ☐ Caste and Politics
Hindi	क्षितिज	**काव्य–खण्ड:–** 5. सूर्यकांत त्रिपाठी 'निराला' – उत्साह, अट नहीं रही है , 6. नागार्जुन – यह दंतुरित मुस्कान, फसल **गद्य–खण्ड:–** 11. रामवृक्ष बेनीपुरी–बालगोबिन भगत, 12. यशपाल–लखनवी अंदाज़
	कृतिका	2. कमलेश्वर–जॉर्ज पंचम की नाक
	व्याकरण	वाच्य , पद – परिचय
	रचना	विज्ञापन – लेखन
I.T.		**Unit I: Communication Skills II :** Ch. 1.3 Measures to Overcomes Barriers in Communication (Session 1 and 2) **Unit 2: Self management Skills:** Ch. 2.1 Stress Management Techniques (Session 1 to 4) Ch. 2.2 Ability to work independently (Session 1 to 3) **Unit 6 : Digital Documentation (Advanced)** (Session 1 to 4)
Art & Craft		4. Colour Mixing 5. Colour Chart (Diff. tones) 6. Colour and design 7. Intensities in colour 8. Landscape (pg 38 to 42)

Max. Marks : 20   **Min. Marks : 07**   **Time : 1.30 Hours**

Mid Term Periodic Test + (Periodic Test + Pre- Mid Term)

English	First Flight	**Prose:** 5. The Hundred Dresses – I 6. The Hundred Dresses – II 7. Glimpses of India-I: A Baker from Goa, II: Coorg, III: Tea from Assam **Poetry:** 5. Animals 6. The Trees
	Footprints without Feet	5. Footprints Without Feet 6. The Making of a Scientist
	Workbook	Unit 5, 6, 7
	Grammar	7. Determiners + Pre – Mid Term Periodic Test
	Writing	1. Formal letter on given situation: Letter to Editor, Complaint, Enquiry, Placing Order 2. Analytical paragraph writing (all types)
	Reading	1. Factual passage 2. Discursive passage
Maths		*UNIT VII : MENSURATION:* **AREAS RELATED TO CIRCLES: (Ch-12)** Motivate the area of a circle; area of sectors and segments of a circle. Problems based on areas and perimeter/circumference of the above said plane figures. (In calculating area of segment of a circle, problems should be restricted to central angle of 60°, 90° & 120° only. Plane figures involving triangles, simple quadrilaterals and circles should be taken.) **5. ARITHMETIC PROGRESSIONS (Ch-5)** Motivation for studying A.P. Derivation of the nth term and sum of first n terms and their application in solving daily life problems. *UNIT VI: COORDINATE GEOMETRY:* **Lines (In two-dimensions): Chapter-7:** Review the concepts of coordinate geometry done earlier including graphs of linear equations. Distance formula section formula (internal). Area of a triangle. **Tables: Up to 40**
Science	Physics	**Ch-13: Magnetic effects of Current:-** Magnetic field, Magnetic field lines, Magnetic field due to a current carrying conductor, field due to current carrying coil or solenoid; Force on current carrying conductor, Fleming's Left

Science	Physics	Hand Rule, Electric Motor. Electromagnetic induction. Induced potential difference, Induced current. Fleming's Right Hand Rule, Electric Generator, Direct Current. Alternating current: frequency of AC. Advantage of AC over DC. Domestic electric circuits. + PBQ **Practical: 4.** Tracing the path of the rays of light through a glass prism.
	Chemistry	**Metals and nonmetals:** Corrosion and its prevention. **Carbon and its compounds:** Nature and allotropes of carbon, Homologus series, nomenclature of carbon compounds containing functional groups, saturated & unsaturated hydrocarbons, chemical properties of carbon compounds. Ethanol, ethanoic acid.
	Biology	**Unit: World of living: Heredity and evolution:** Sex determination: brief Introduction; Basic concepts of evolution. **Unit: Natural resources: Our environment:** Eco-system, Environmental problems, Ozone depletion, waste production and their solutions. Biodegradable and non-biodegradable substances. **Management of natural resources:** Conservation and judicious use of natural resources. Forest and wild life, coal and petroleum conservation. Examples of People's participation for conservation of natural resources. Big dams: advantages and limitations; alternatives, if any. Water harvesting. Sustainability of natural resources.
S.St. Teaching Aids : A/V Room	Economics	**4. Globalization and the Indian Economy:** ☐ Production across countries ☐ Interlinking production across countries ☐ Foreign Trade and integration of markets ☐ What is globalization? ☐ Factors that have enabled Globalisation ☐ World Trade Organisation ☐ Impact of Globalization on India ☐ The Struggle for a fair Globalisation
	History	**Section 3: Everyday Life, Culture and Politics:** **5. Print Culture and the Modern World:** ☐ The First Printed Books ☐ Print Comes to Europe ☐ The Print Revolution and its Impact ☐ The Reading Mania ☐ The Nineteenth Century ☐ India and the World of Print ☐ Religious Reform and Public Debates ☐ New Forms of Publication ☐ Print and Censorship
	Geography	**5. Minerals and Energy Resources** ☐ What is a mineral? ☐ Mode of occurrence of Minerals ☐ Ferrous and Non-Ferrous Minerals ☐ Non-Metallic Minerals ☐ Rock Minerals ☐ Conservation of Minerals ☐ Energy Resources ☐ Conventional and Non-Conventional ☐ Conservation of Energy Resources **6. Manufacturing Industries:** ☐ Importance of manufacturing ☐ Contribution of Industry to National Economy ☐ Industrial Location ☐ Classification of Industries ☐ Spatial distribution ☐ Industrial pollution and environmental degradation ☐ Control of Environmental Degradation
	Pol Science	**5. Popular Struggles and Movements:** ☐ Popular Struggles in Nepal and Bolivia ☐ Mobilization and Organization

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S.St.	Pol Science	☐ Pressure Groups and Movements *Note: The chapter 'Popular Struggles and Movements' to be assessed in the Periodic Tests only and will not be evaluated in Board Examination.* **6. Political Parties:** ☐ Why do we need Political Parties? ☐ How many Parties should we have? ☐ National Political Parties ☐ State Parties ☐ Challenges to Political Parties ☐ How can Parties be reformed?
Hindi	क्षितिज	**काव्य–खण्ड:–** 7. गिरिजा कुमार माथुर–छाया मत छूना मन, 8.ऋतुराज–कन्यादान **गद्य–खण्ड:–** 13. सर्वेश्वर दयाल सक्सेना – मानवीय करुणा की दिव्य चमक, 14. मन्नू भण्डारी–एक कहानी यह भी
	कृतिका	3. मधु कांकरिया – साना–साना हाथ जोड़ि
	व्याकरण	रस
	रचना	अनुच्छेद–लेखन, संदेश लेखन, अपठित गद्यांश एवं काव्यांश
I.T.		**Unit I: Communication Skills - II:** Ch 1.4 Principles of Communication (Session 1 & 2) **Unit-4 Entrepreneurial Skills – II** 4.1 – Characteristics of Successful Entrepreneur (Session 1 to 5) **Unit 7 – Electronic Spread Sheet (Advanced)** (Session 1 to 4)
Art & Craft		9. Light and Shade (Chart with strong & Light contrast of light & Shade) 10. Poster Colour (pg 45 to 47)

Max. Marks : 60	**Min. Marks :20**	**Time : 3.00 Hours**

Note for Exam. : *Students will bring their next day's examination books and notebooks*

Post – Mid Term Periodic Test + (Periodic Test + Pre – Mid Term + Mid Terms)

English	First Flight	Prose: 8. Mijbil the Otter 9. Madam Rides The Bus 10. The Sermon at Benares Drama: 11. The Proposal Poetry: 7. Fog 8. The Tale of Custard the Dragon 9. For Anne Gregory
	Footprints without Feet	7. The Necklace 8. The Hack Driver 9. Bholi Drama: 10. The Book That Saved the Earth
	Workbook	Unit 8, 9,10, 11
	Grammar	8. Prepositions + Mid – Term Periodic Test
	Writing	1 Formal letter on given situation 2. Analytical Paragraph writing
	Reading	1. Factual passage 2. Discursive passage
Maths		**UNIT II: ALGEBRA** *(Contd.):* **5. QUADRATIC EQUATIONS: (Ch-4)** Standard form of a quadratic equation $ax^2 + bx + c = 0, (a \neq 0)$. Solutions of the quadratic equations (only real roots) by factorization and by using quadratic formula. Relationship between discriminant and nature of roots. Problems based on quadratic equations related to day to day activities to be incorporated. **UNIT VII: SURFACE AREAS AND VOLUMES: (Ch-13)** Problems on finding surface areas and volumes of combinations of any two of the following: cubes, cuboids, spheres, hemispheres and right circular cylinders/cones. Frustum of a cone. Problems involving converting one type of metallic solid into another and other mixed problems. (Problems with combination of not more than two different solids be taken). **UNIT V: STATISTICS AND PROBABILITY: 4. PROBABILITY: (Ch-15)** Classical definition of probability. Simple problems on finding the probability of an event. **UNIT III: GEOMETRY (Contd.): 1. CIRCLES (Ch-10):** Tangents to a circle, point of contact (Prove) The tangent at any point of a circle is perpendicular to the radius through the point of contact. 2. (Prove) The lengths of tangents drawn from an external point to circle are equal. 3. (Motivate) Alternative Segment theorem: If a chord is drawn through the point of contact of a tangent to a circle, then the angles

Maths	made by the chord with the tangent are respectively equal to the angles subtended by the chord in the alternate segments. *UNIT III: GEOMETRY* **(Contd.): CONSTRUCTIONS (Ch-11)** Division of a line segment in a given ratio (internally), Tangent to a circle from a point outside it. Construction of a triangle similar to a given triangle. **Tables: Up to 40**

	Physics	**Ch-14: Sources of Energy:** Different forms of energy, conventional and non-conventional sources of energy, Fossil fuels, solar energy; biogas; wind, water and tidal energy; Nuclear energy. Renewable versus non-renewable sources of Energy. + PBQ **Practical: 5.** Finding the image distance for varying object distances in case of a convex lens and drawing corresponding ray diagrams to show the nature of image obtained.
Science	Chemistry	**Carbon and its compounds:** soaps & detergents. **Periodic classification of elements**: Need for classification, Dobereiner law of triad's Newland law of octaves, Mendeleev's Periodic table, Modern periodic table, characteristics of groups and periods. **Practical:** (i) To study the comparative cleaning capacity of a sample of a soap in soft & hard water. (ii) To study the following properties of acetic acid (ethanoic acid) : (a) odour (b) solubility in water (c) effect of litmus (d) reaction with sodium bicarbonate.
	Biology	**Unit: World of Living: How do organisms Reproduce?** Reproduction in animals and plants (asexual and sexual) reproductive health-need and methods of family planning. Safe sex vs HIV / AIDS. Child bearing and women's health. **Practical: 1.** To study (a) binary fission in Amoeba and (b) budding in yeast and Hydra with the help of prepared slides. **2.** To identify the different parts of an embryo of dicot seed (Pea , gram or red kidney bean)

S.St.	Economics	**1. Development:** ☐ What Development Promises- Different people different goals ☐ Income and other goals ☐ National Development ☐ How to compare different countries or states? ☐ Income and other criteria ☐ Public Facilities ☐ Sustainability of development **5. Consumer Rights:** *Note: Chapter 5 'Consumer Rights' to be done as Project Work.*
Teaching Aids : A/V Room	History	*Section 1: Events and Processes:* **1. The Rise of Nationalism in Europe:** ☐ The French Revolution and the Idea of the Nation ☐ The Making of Nationalism in Europe ☐ The Age of Revolutions: 1830-1848 ☐ The Making of Germany and Italy ☐ Visualizing the Nation ☐ Nationalism and Imperialism
	Geography	**2. Forest and Wildlife** ☐ Biodiversity or Biological Diversity ☐ Flora and Fauna in India ☐ Vanishing Forests ☐ Asiatic Cheetah: Where did they go?

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S.St.	Geography	☐ The Himalayan Yew in trouble ☐ Conservation of forest and wildlife in India ☐ Project Tiger ☐ Types and distribution of forests and wildlife resources ☐ Community and Conservation *Note: The chapter 'Forest and Wildlife' to be assessed in the Periodic Tests only and will not be evaluated in Board Examination.* **7. Life Lines of National Economy:** ☐ Transport– Roadways, Railways, Pipelines, Waterways, Airways ☐ Communication ☐ International Trade ☐ Tourism as a Trade
	Pol Science	**7. Outcomes of Democracy:** ☐ How do we assess democracy's outcomes? ☐ Accountable, responsive and legitimate government ☐ Economic growth and development ☐ Reduction of inequality and poverty ☐ Accommodation of social diversity ☐ Dignity and freedom of the citizens **8. Challenges to Democracy:** ☐ Thinking about challenges ☐ Thinking about Political Reforms ☐ Redefining democracy *Note: The chapter 'Challenges to Democracy' to be assessed in the Periodic Tests only and will not be evaluated in Board Examination.*
Hindi	क्षितिज	काव्य–खण्डः– 9.मंगलेश डबराल–संगतकार गद्य–खण्डः– 16. यतीन्द्र मिश्र– नौबतखाने में इबादत
	कृतिका	दोहरान + P.T. + P.M.T.P.T.+ M.T.P.T+ P.M.T.P.T.
	व्याकरण रचना	P.T. + P.M.T.P.T.+ M.T.P.T+ P.M.T.P.T. दोहरान–पत्र–लेखन, विज्ञापन–लेखन, अनुच्छेद–लेखन,संदेश लेखन, अपठित गद्यांश एवं काव्यांश
I.T.		**Unit I: Communication Skills II:** Ch. 1.5 Basic Writing Skills – (Session 1 to 8) **Unit – 5 Green Skills – II** Ch. 5.1 Demonstrate the Knowledge of Importance, Problems and Solutions Related to Sustainable Development. (Session 1 to 4) **Unit -8: Database management System** (Session 1 to 6)
Art & Craft		11. Harmony 12. Floor Design 13. Textile Design 14. Book Cover 15. Paper Product (pg 49 to 57)

Max. Marks : 80	Min. Marks : 27	Time : 3.00 Hours

Note for Exam. : *Students will bring their next day's examination books and notebooks*

Pre- Board + (Whole Syllabus)	
English	**Revision of Whole Syllabus**
Maths	**Revision of Whole Syllabus**
Science	**Revision of Whole Syllabus**
S.St.	**Revision of Whole Syllabus**
Hindi	**Revision of Whole Syllabus**
I.T.	**Revision of Whole Syllabus**

Max. Marks : 80	Min. Marks :27	Time : 3.00 Hours

Note for Exam. : *Students will bring their next day's examination books and notebooks*

S.NO	SUB	BOOKS NAME	PUBLISHER
1	COMP.	INFORMATION TECHNOLOGY	NCERT
2	ENG	GUIDE ENGLISH CORE - COURSE - A	NEW AGE INTERNATIONAL
3	ENG	FIRST FLIGHT	NCERT
4	ENG	FOOTPRINTS WITHOUT FEET SUPPLEMENTARY READER	NCERT
5	ENG	WORDS & EXPRESSIONS (WORK BOOK)	NCERT
6	HINDI	GUIDE GOLDEN HINDI - COURSE - A	NEW AGE INTERNATIONAL
7	HINDI	KRITIKA (HINDI) - NCERT	NCERT
8	HINDI	KSHITIJ (HINDI) -NCERT	NCERT
9	MATHS	MATHEMATICS -NCERT	NCERT
10	MATHS	MATHEMATICS EXEMPLAR	NCERT
11	MATHS	MATHEMATICS LAB MANUAL	RACHANA SAGAR
12	MATHS	MATHEMATICS PRACTICAL MANUAL	RACHANA SAGAR
13	SC.	SCIENCE (BIOLOGY)	S. CHAND
14	SC.	SCIENCE (CHEMISTRY)	S. CHAND
15	SC.	SCIENCE (PHYSICS)	S. CHAND
16	SC.	SCIENCE LAB MANUAL	RACHANA SAGAR
17	SC.	BIOLOGY PRACTICAL MANUAL	RACHANA SAGAR
18	SC.	CHEMISTRY PRACTICAL MANUAL	RACHANA SAGAR
19	SC.	PHYSICS PRACTICAL MANUAL	RACHANA SAGAR
20	SC.	SCIENCE	NCERT
21	SST	SST UNDERSTANDING ECONOMICS DEVP.-	NCERT
22	SST	HISTORY (INDIA & THA CINTAMP. WORLD -II	NCERT
23	SST	SOCIAL SCIENCE CONTEMPORARY- NCERT -II	NCERT
24	SST	LAB MANUAL IN SOCIAL SCIENCE	EVERGREEN PUBLICATION (CANDID)
25	SST	SST.DEMOCRATIC POLITICS-II	NCERT

Instructions:-

1. *Value Education consists of Moral Values, Manners & Etiquettes.*
2. *Value Education will be taught by the class teacher for 10 minutes in zero period everyday.*